

ABSTRACT OF THE DISCLOSURE

A particle beam therapy system transports an ion beam emitted from an accelerator to one of a plurality of treatment rooms. For that purpose, the therapy system includes a first beam transport system connected to the accelerator, and a plurality of second beam transport systems provided respectively corresponding to the treatment rooms and connected to the first beam transport system. To transport the ion beam to the selected treatment room, a plurality of electromagnets disposed in the corresponding second beam transport system and in a portion of the first beam transport system extended into the relevant second beam transport system are excited in accordance with respective control commands. Control command information including the respective control commands is formed by using at least treatment room information representing the selected treatment room and treatment plan information specified depending on patient identification information.